

TOPOGRAPHIC SURVEY CONTROL POINT RECORD

STATION LONG NAME	MA01
STATION NUMBER	MA01
4 CHAR ID	MA01
COUNTRY	IRAQ
LOCATION	ABU NAJI, MAYSAN
SURVEYING AGENCY	IGRS
DATE (OF DESCRIPTION)	13 AUG 2005

CONTENTS	YES	NO	NO OF PAGES
FIELD COORDINATE VALUES	X		1
OFFICE COORDINATE VALUES	X		1
STATION MONUMENT & SITE DETAILS	X		1
STATION DIAGRAM	X		1
ACCESS MAP	X		1
ACCESS DESCRIPTION	X		1
APPROACH PHOTOGRAPHS	X		1
CARDINAL POINT PHOTOGRAPHS	X		2

RECORD OF VISITS

DATE OF VISIT	NAME	UNIT	REMARKS

ADDITIONAL DETAILS/ENCLOSURES

CONTENTS	NO OF PAGES

FIELD COORDINATE VALUES

STATION LONG NAME	MA01
4 CHAR ID	MA01
STATION NUMBER	MA01

THIS STATION IS NEW	YES
IDENTICAL / NEARLY IDENTICAL WITH	N/A

FIELD VALUES FROM THE RECEIVER / HAND HELD GPS – IN WGS84

LATITUDE N / S	31°46'30.89" N
LONGITUDE E / W	47°06'23.83" E
HT (M)	+5
GRID ZONE DESIGNATOR	38R
UTM / MGRS GRID	38R PA 99485 17458
SURVEYING AGENCY	IGRS

FIELD INPUT BY: LOCKHART	UNIT: IGRS	DATE: 13 AUG 2005
FIELD CHECKED BY: ELLIS	UNIT: IGRS	DATE: 13 AUG 2005

OFFICE COORDINATE VALUES

WGS 84 ADJUSTED VALUES AS AT: 25 Aug 05

LATITUDE N	31° 46' 30.88546"
LONGITUDE E	047° 06' 23.80897"
SPHEROIDAL HT (M)	-5.940
EGM96 GEOID MODEL HT (M)	-13.789
ORTHOMETRIC HT (M)	7.849
VERTICAL DATUM	WGS 84
GEOID MODEL USED	EGM 96
RELATIVE TO	CORS STATIONS
RELATIVE POSITION ACCURACY (M)	0.015
RELATIVE HEIGHT ACCURACY (M)	0.018
ADJUSTING AGENCY	OPUS
ADJUSTMENT DATE	25 AUG 2005

LOCAL DATUM VALUES AS AT:25 Aug 05

SPHEROID	N/A
PROJECTION	N/A
GRID	N/A
VERTICAL DATUM	N/A
LATITUDE N / S	N/A
LONGITUDE E / W	N/A
EASTINGS (M)	N/A
NORTHINGS (M)	N/A
SPHEROIDAL HT (M)	N/A
ORTHOMETRIC HT (M)	N/A
GRID ZONE DESIGNATOR	N/A
TRANSFORMATION AGENCY	N/A
TRANSFORMATION DATE	N/A

GRAVITY VALUE: N/A	TYPE OF STN: N/A	REF: N/A
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AIR PHOTO: N/A	REF: N/A	SCALE: N/A
IMAGERY: N/A	REF: N/A	SCALE: N/A

OFFICE INPUT BY: LCPL COWARD	UNIT: IGRS	DATE: 25 AUG 2005
OFFICE CHECKED BY: LCPL DICKEN	UNIT: IGRS	DATE: 25 AUG 2005

STATION MONUMENT AND SITE DETAILS

STATION LONG NAME: MA01	
STATION NUMBER: MA01	4 CHAR ID: MA01
LOCATION: ABU NAJI, MAYSAN	COUNTRY: IRAQ
STATION ADDRESS: ABU NAJI, MAYSAN	
TEL: N/A	FAX: N/A
LAND OWNER ADDRESS: N/A	
TEL: N/A	FAX: N/A
TYPE OF MARK: HARN	
CONDITION: GOOD	
MARK SETTING: FINE MARK ON REBAR	NO OF REBARS: 5

MONUMENT PHOTO / SKETCH



PREPARED BY: LOCKHART	UNIT: IGRS	DATE: 14 AUG 2005
CHECKED BY: ELLIS	UNIT: IGRS	DATE: 14 AUG 2005

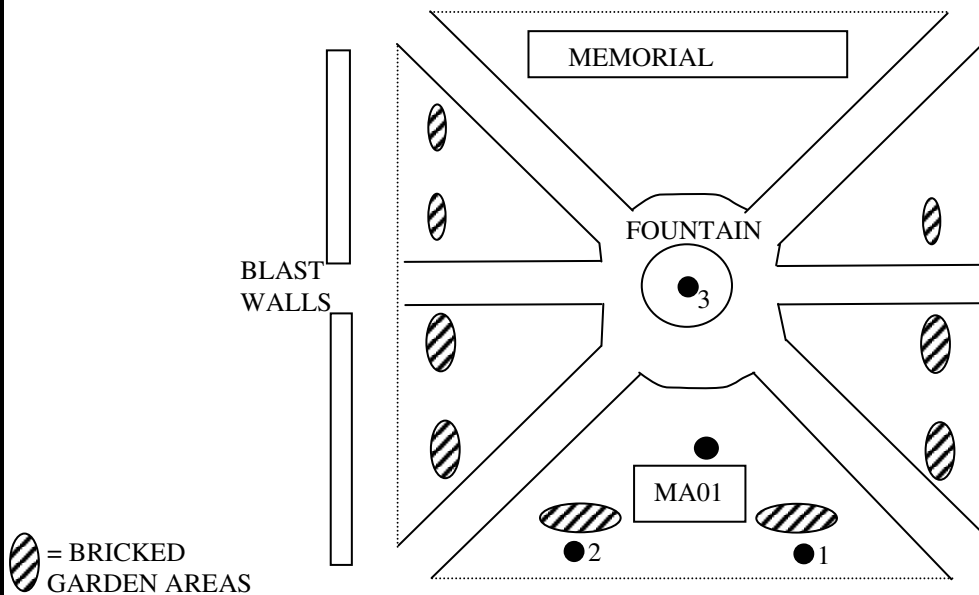
STATION DIAGRAM

STATION LONG NAME: MA01

STATION NUMBER: MA01

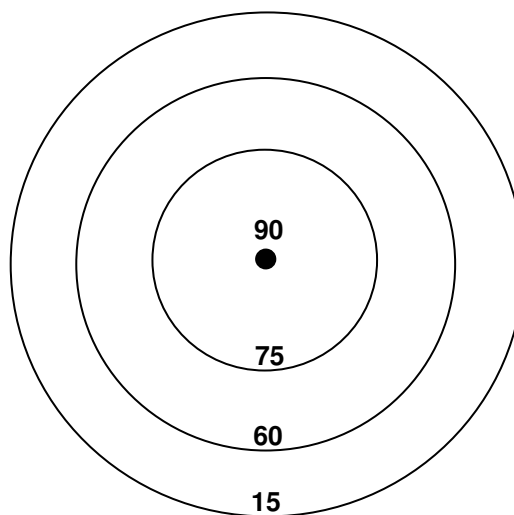
4 CHAR ID: MA01

NOT TO SCALE



NO	DESCRIPTION	BRG/HORZ ANGLE	DISTANCE(m)
1	PALM TREE	320°	12
2	PALM TREE	25°	11
3	FOUNTAIN	175°	19
4			

OBSCURITY DETAILS



PREPARED BY: LOCKHART	UNIT: IGRS	DATE: 14 AUG 2005
CHECKED BY: ELLIS	UNIT: IGRS	DATE: 14 AUG 2005

ACCESS MAP

STATION LONG NAME: MA01

STATION NUMBER: MA01

4 CHAR ID: MA01

MAP DETAILS

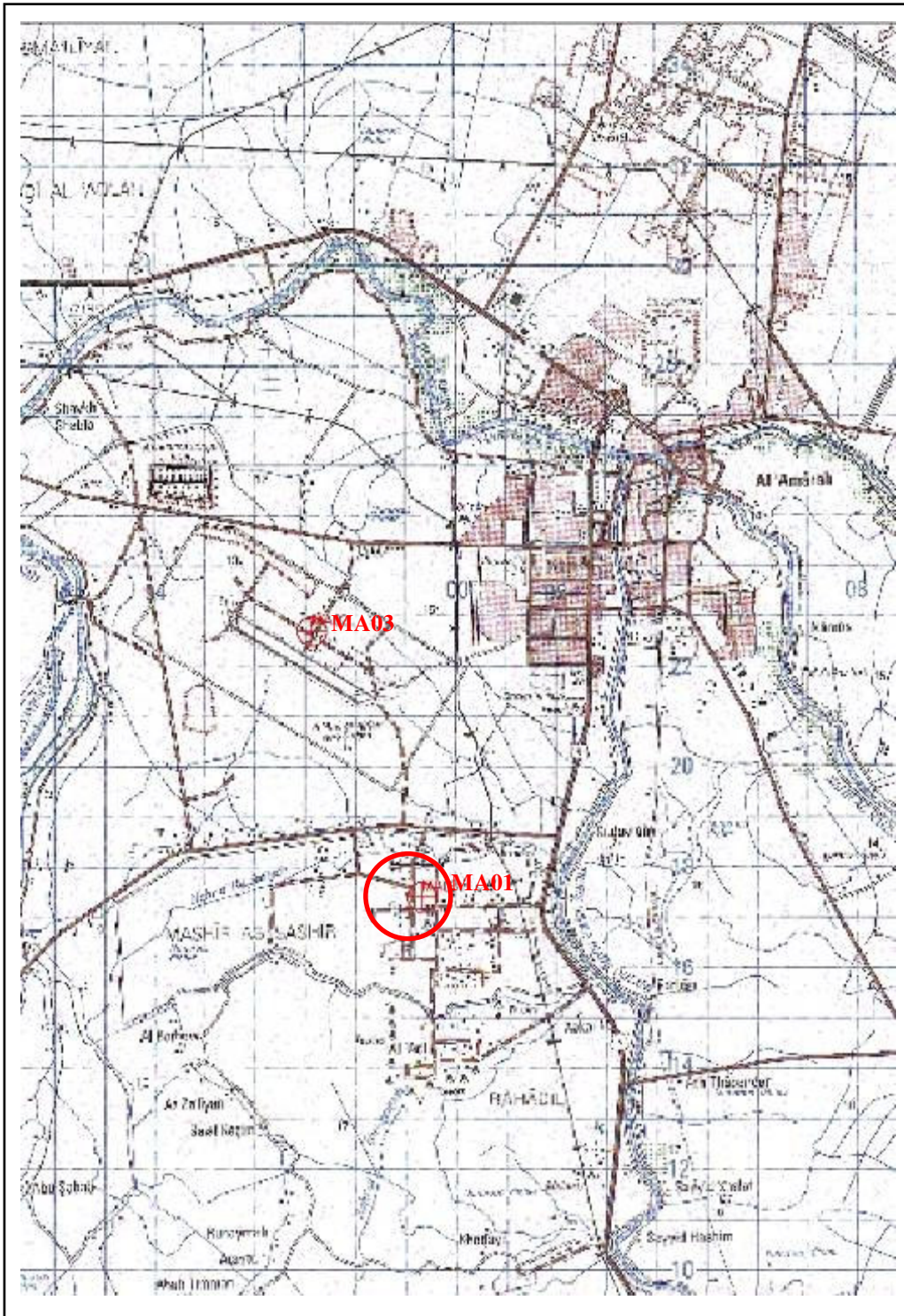
SERIES: K643

SHEET: 5453

EDITION: 1- DMA

SCALE: 1:100'000

GR: 38R PA 99485 17458



PREPARED BY: LOCKHART

UNIT: IGRS

DATE: 17 AUG 2005

CHECKED BY: COLWELL

UNIT: IGRS

DATE: 17 AUG 2005

ACCESS DESCRIPTION

STATION LONG NAME: MA01	
STATION NUMBER: MA01	4 CHAR ID: MA01

MAP DETAILS	SERIES: K643	SHEET: 5453
EDITION: 1- DMA	SCALE: 1:100'000	GR: 38R PA 99485 17458

From the main road junction at gr 38R QA 034 138, head north on route 6 for approximately 5km. At gr 38R QA 020 188, head west for 1km. Turn south at gr 38R PA 993 188 and enter the compound. The point is located in the main square of the compound.

PREPARED BY: LOCKHART	UNIT: IGRS	DATE: 15 AUG 2005
CHECKED BY: ELLIS	UNIT: IGRS	DATE: 15 AUG 2005

APPROACH PHOTOGRAPHS

STATION LONG NAME: MA01	
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NEAR APPROACH FACING NORTH WEST



FAR APPROACH FACING NORTH WEST



TAKEN BY: LOCKHART	DATE TAKEN: 13 AUG 2005
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CARDINAL PHOTOGRAPHS

STATION LONG NAME: MA01	
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NORTH



SOUTH



TAKEN BY: LOCKHART	DATE TAKEN: 13 AUG 2005
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CARDINAL PHOTOGRAPHS

STATION LONG NAME: MA01	
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EAST



WEST



TAKEN BY: LOCKHART	DATE TAKEN: 13 AUG 2005
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